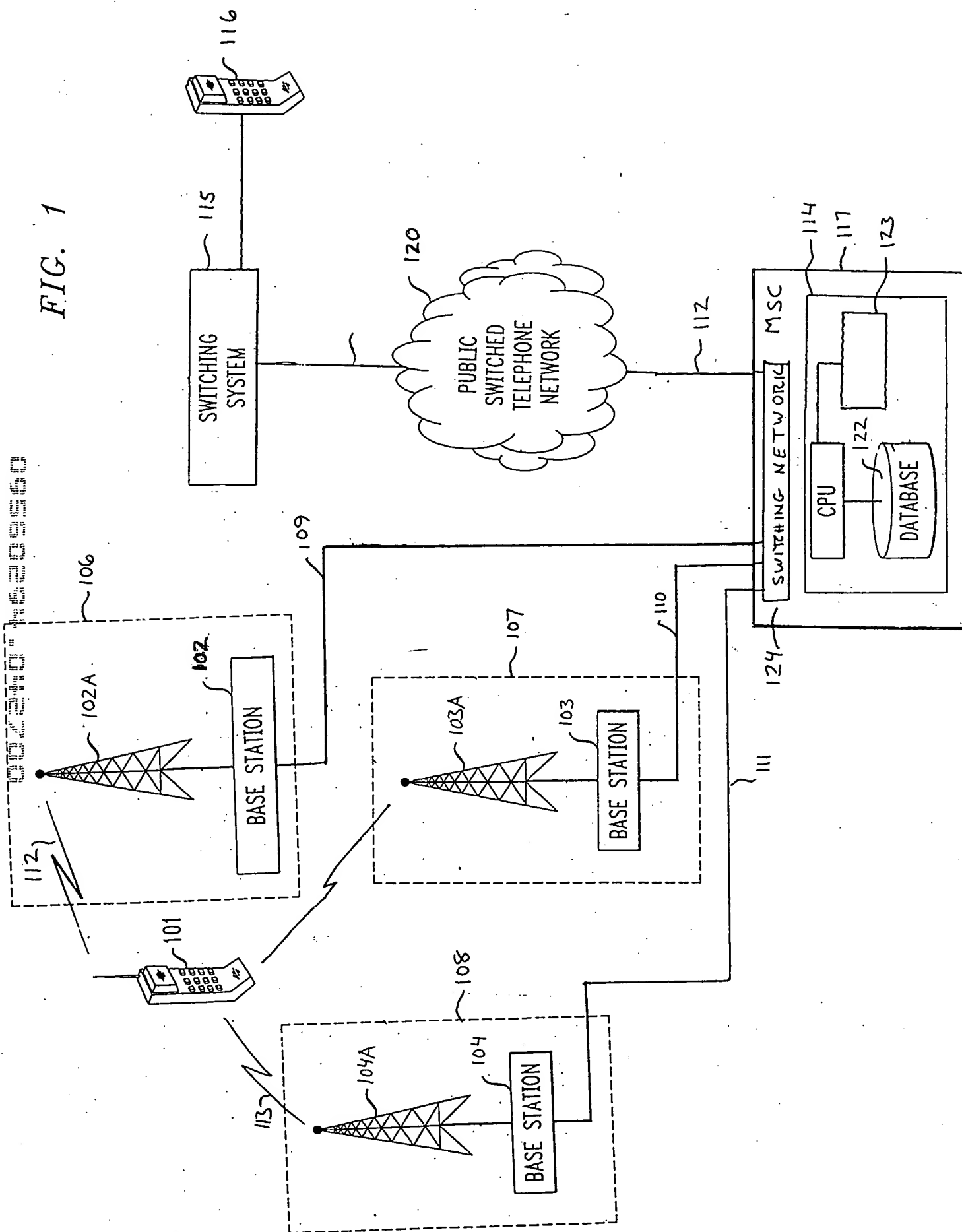


FIG. 1



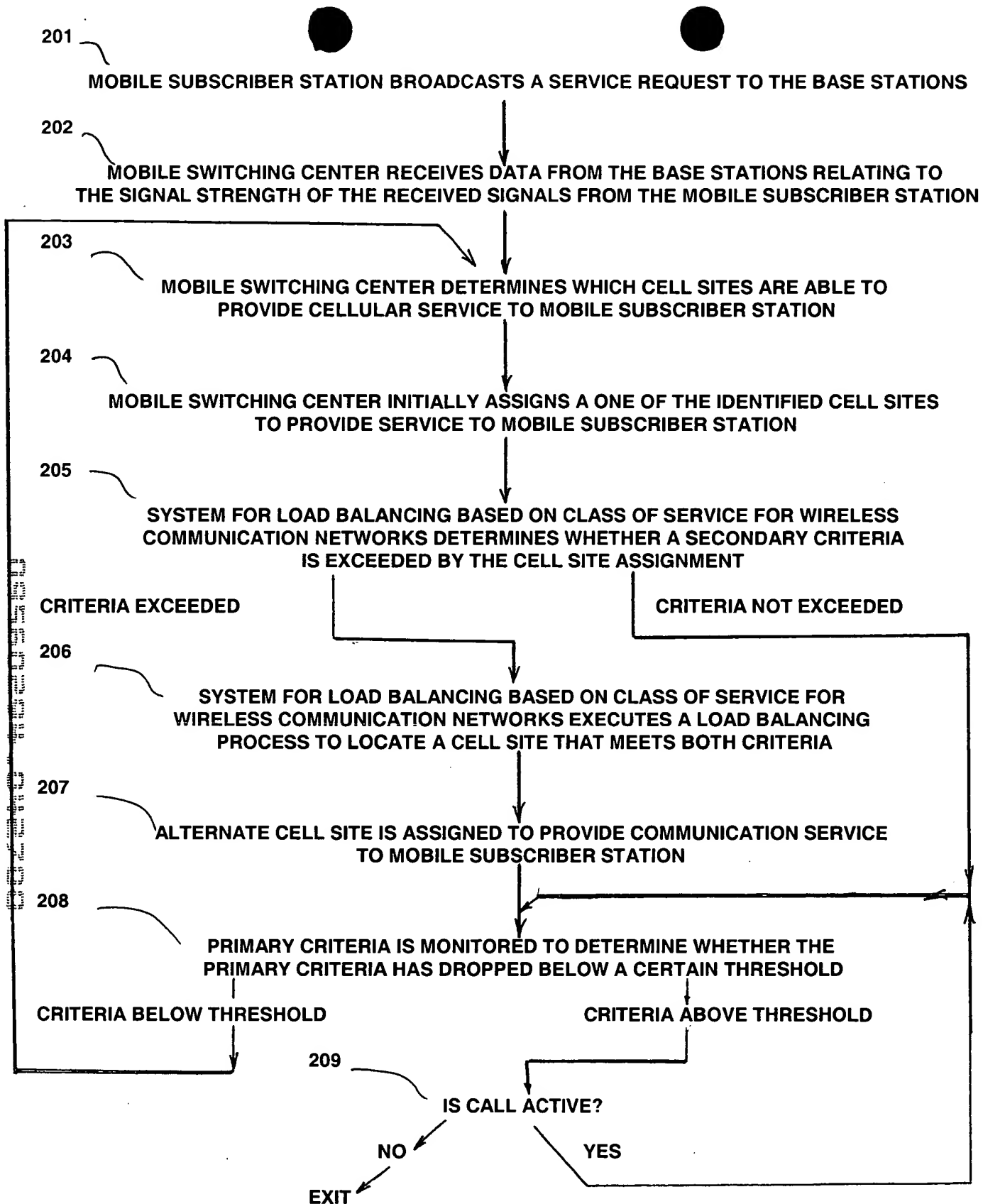


FIGURE 2

301

SYSTEM FOR LOAD BALANCING BASED ON CLASS OF SERVICE
FOR WIRELESS COMMUNICATION NETWORKS DETERMINES
WHETHER A SECONDARY CRITERIA IS EXCEEDED BY THE
ASSIGNMENT OF A CELL SITE TO PROVIDE COMMUNICATION SERVICE
TO MOBILE SUBSCRIBER STATION

SECONDARY CRITERIA EXCEEDED

SECONDARY CRITERIA NOT EXCEEDED

302

MOBILE SWITCHING CENTER REVIEWS THE CLASS OF SERVICE
ASSIGNED TO THE MOBILE SUBSCRIBER STATIONS
THAT ARE SERVED BY THE CELL SITE

303

MOBILE SWITCHING CENTER IDENTIFIES THE MOBILE SUBSCRIBER STATION(S)
SERVED BY THE CELL SITE WITH THE LOWEST CLASS OF SERVICE

304

MOBILE SWITCHING CENTER IDENTIFIES THE CELL SITE
THAT HAS THE TRAFFIC CAPACITY TO SERVE THIS
MOBILE SUBSCRIBER STATION

305

MOBILE SWITCHING CENTER INSTRUCTS THE CELL SITES
TO HANDOFF MOBILE SUBSCRIBER STATION

306

MOBILE SWITCHING CENTER REVIEWS THE SECONDARY CRITERIA
TO DETERMINE WHETHER ADDITIONAL HANDOFFS OF
MOBILE SUBSCRIBER STATIONS TO OTHER CELL SITES IS ADVISABLE

NO FURTHER HANDOFFS

ADDITIONAL HANDOFFS NEEDED

EXIT TO STEP 206

FIGURE 3

A hand-drawn diagram illustrating a set of three overlapping circles, labeled 106, 107, and 108. The circles are arranged such that 106 and 108 overlap, 107 and 108 overlap, and 106 and 107 overlap. Inside these circles are several small circles, each labeled with a number followed by a hash symbol (#). The labels are as follows:

- #1 is located inside circle 106.
- #2 is located inside circle 108.
- #3 is located inside circle 108.
- #4 is located inside circle 107.
- #5 is located inside circle 107.
- #6 is located inside circle 107.
- #7 is located inside circle 107 but outside circle 108.
- #8 is located inside circle 107 but outside circle 106.
- #9 is located inside circle 107 but outside circle 106.

5